

KING EVO L



IRREVERSIBLE OPERATOR
FOR SWING GATES



REF. BRA057



- KING EVO L operators are available in various versions, for easy and functional use anywhere, from detached dwellings or apartment blocks to large company premises.
- It is made and designed to operate silently and to provide long-term durability.

The mechanics, with components lubricated using special synthetic grease, with the 20mm large 4-thread endless screw with a **double helical gear, impact-proof**, have been designed to guarantee maximum silence, strength and reliability. Thanks to these special characteristics, KING

EVO L units can even be fitted on gates of big size.

- KING EVO L 24V, with the optional buffer batteries, means that black-outs will pass totally unnoticed. It is possible to do up to **40 cycles** during the black out period. KING EVO L 24V can also **work without batteries**. Thanks to its oversized mechanics and its 24 V motor, it is ideal for using on gates that undergo heavy duty usage (opening/closing frequently) such as apartment buildings.
- All the versions come with a mechanical limit switch for opening supplied as standard.

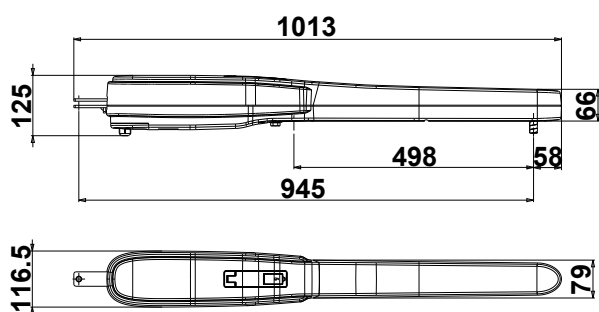
FOR SWING GATES WITH EACH LEAF UP TO 5 m LONG AND WEIGHING UP TO 500 kg

BRA057

AA14070	KING EVO L
AA14075	KING EVO L ICE with temperature sensor
AA14092	KING EVO L 24V for intensive use

In case the leaf is longer than 2,5 meters an electric lock must be fitted to ensure efficient closing.

ICE is suitable to work at temperatures as low as -30°C only if it is connected to the B2 control panel. Only a single KING EVO L **ICE** is necessary for every pair of motors installed.



Dimensions in mm

36 x



TECHNICAL DATA		KING EVO L	KING EVO L ICE	KING EVO L 24V
Max. leaf length	m	5		
Max. leaf weight	kg	500		
Max. stroke	mm	498*		
Average opening time 90°	s	26÷33		24÷29
Max thrust	N	2570		1150
Power supply	V	230		24
Power absorbed	A	1,13		2,8
Actuator weight	kg	13,3		12,3
Protection grade	IP	44		
Operating temperature	°C	-10 ÷ +55	-30 ÷ +55	-10 ÷ +55
Daily cycles suggested		150		
Service	%	60		90
Nr of consecutive cycles guar.		20/26s		100/24s

* With incorporated mechanical stopper for opening phase. If the mechanical stopper is used during closing (optional - code ACG8088), the maximum travel is reduced by 40 mm.



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ACG8093 COVER WITH REVOLVING CABLE GLAND DEVICE IP54 for Ø20 flexible conduits for electric cable (KING EVO L standard has cover with cable gland)



ACG4810 STOPPER
mechanical stopper for closing position (to be used when ground stopper not available)



Column bracket

standard with the operator



Leaf bracket

standard with the operator



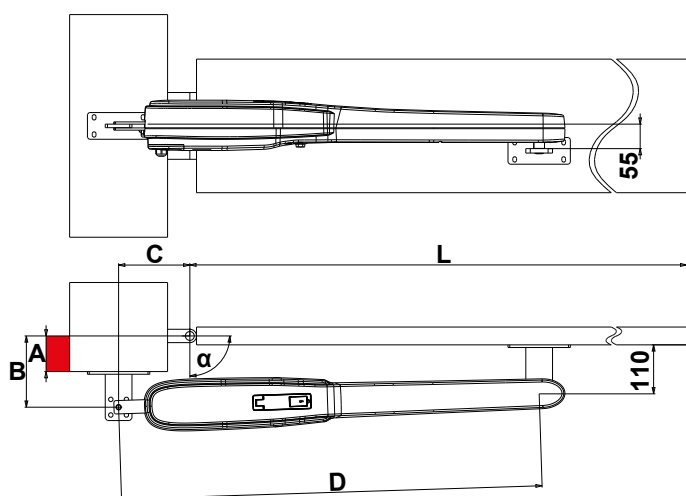
KING EVO L / KING L - Leaf bracket adapter

standard with the operator



ATI/AXI/AXO CAME Column bracket Adapter

standard with the operator



A max	α max	B	C	D	T max sec
0÷100	115°	170	160	945	33
100÷140	110°	200			35
140÷180	105°	250			38

Data about KING EVO L installation with 1 mechanical stopper
T = Opening time detected with active slow down

Compatible with CAME ATI 5000 brackets (with standard ATI/AXI/AXO CAME adapter)
Compatible with column bracket of NICE TOONA 5 (use KING EVO L leaf bracket)